BRUHATH BANGALORE MAHANAGARA PALIKE

Executive Engineer Rajarajeshwari nagara Division

Name of work :- Construction of Gallery of J P Park Ward No 17.

timated cost : Rs 200.00 lakhs

.No.	Description of work	Dimensions				Qty	Unit	Rate	Amount
		Nos	L	B	D				
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	(Page No-143, Item No-19.1 KPWD SR 2018-19)								
	Gallery retaining wall	1	92.00	4.90	1.75	788.90			
	RCC Drain	1	92.00	1.20	1.10	121.44			
						910.34	**Cum**	**207.60**	**188986.58**
	Basic rate 130.00								
	Area wt 6% 7.80								
	Lead (2*1.28*5)+57 69.80								
	Total Rs 207.60								
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications,								
	(Page No 6 I.No.2.15 of KPWD S.R 2018-19)								
	Gallery retaining wall	1	92.00	4.70	0.21	90.80			
						90.80	**Cum**	**2574.74**	**233796.69**
	Basic rate 2429.00								
	Area wt 6% 145.74								
	Total Rs 2574.74								
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.								
	(Page No-13, Item No-4.2 KPWD SR 2018-19)								
	Gallery retaining wall	1	92.00	4.70	0.20	86.48			
						86.48	**Cum**	**5764.35**	**498501.17**
	Basic rate 5438.07								
	Area wt 6% 326.28								
	Total Rs 5764.35								
4	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.								
	(Page No-16, Item No-4.31 KPWD SR 2018-19)								
	Gallery retaining wall	2	92.00		0.60	110.40			
		2	92.00		4.90	901.60			
	Supporting column	7	1.20		1.95	16.38			
	Steps	1	92.00		6.40	588.80			
	RCC Drain	4	92.00		0.60	220.80			
						1837.98	**Sqm**	**379.48**	**697476.65**
	Basic rate 358.00								
	Area wt 6% 21.48								
	Total Rs 379.48								
5	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M20 for R.C.C works laid in 15 cms thick layers and well compacted by vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) .								
	(Page No-18, Item No-4.49.1 KPWD SR 2018-19)								
	Gallery retaining wall	1	92.00	4.90	0.60	270.48			

	Supporting column	1	92.00	0.30	3.15	86.94			
	Steps	7	0.30	0.30	1.95	1.23			
	RCC Drain - Raft	1	92.00	0.10	6.40	58.88			
	RCC Drain - Wall	1	92.00	0.90	0.15	12.42			
		2	92.00	0.15	0.60	16.56			
						446.51	**Cum**	**6146.95**	**2744664.75**
	Basic rate 5799.01								
	Area wt 6% 347.94								
	Total Rs 6146.95								
6	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. TMT bars Fe 550								
	(Page No-18, Item No-4.46.3 KPWD SR 2018-19)								
	Gallery retaining wall		446.51			44.65			
	100 kg/Cum					**44.65**	**Tn**	**83274.66**	**3718284.35**
	Basic rate 78561.00								
	Area wt 6% 4713.66								
	Total Rs 83274.66								
7	KSRB 2.6 : Providing and filling dust in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. specification.								
	Data rate								
	Gallery retaining wall	2	92.00	0.62	0.90	102.67			
						102.67	**Cum**	**1319.43**	**135468.52**
	Data rate 1319.43								
8	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification								
	(Page No. 43 Item No. 7.29 of KPWD SR 2018-19)								
	Vertical pole 100mm 10mm thk Dia 22.20Kg/m	23	3	22.20		1531.80			
	Sqare 40*40 5mm thk dia 5.49kg/m	7	92.00	5.49		3535.56			
	Struct 100*100 8mm 23.11kg/m	23	2.2	23.11		1169.37			
						6236.73	**Kgs**	**117.66**	**733813.18**
	Basic rate 111.00								
	Area wt 6% 6.66								
	Total Rs 117.66								
9	TENSILE ROOFING								
	Data rate								
	Roof Gallery	1	92.00	7.30		671.60			
						671.60	**Sqm**	**11200.00**	**7521920.00**
	Data rate 11200.00								

0	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doirections of the Enineer-in-charge. {Data Rate sheet enclosed}							
		1	92.00	0.90		82.80		
						82.80	**Sqm**	**2337.00**	**193503.60**
	Data rate	2337.00						
							Sub Total Rs.	**16666415.49**
							Add 05 % Tender Premium Charges Rs.	**833320.77**
							12% GST on Sub total	**2099968.35**
							Add 2% for DPR And PMC charges	**400000.00**
							Lumpsum for rounding off Rs.	**295.38**
							Grand Total Rs.	**20000000.00**

1 Certified that The work spot has been inspected by me and the work is necessary & site condition
2 Certified that the work is not split
3 Certified that the estimate is based on PW,P&IWTD South Zone Bangalore SR of 2018-19
4 Certified that Adeqate & necessary provisions have made in the estimate.
5 Certified that the above area comes under BBMP limit

Asst Engineer
Ward 17
B.B.M.P

Asst Exe. Engineer
Yashwanthapura Sub Division
B.B.M.P.

Executive Engineer
Rajarajeshwari nagara Division
B.B.M.P

ನಂ.: 11 ದಿನಾಂಕ: 02/07/2021
ರೂ. 200,000.00/- (Two
(crore only)
ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು-72

TECHNICAL SANCTION

Rs: 16666415/- (Rs one crore sixty six lakhs sixty six thousand four hundred fifteen only) is accorded under the head: P-3853

By CE(R.R.N.) P.N-10-11

Registered as CE (R.R.N) No: 28/21-22 subject to conditions contained in enclosed memo No: 28/21-22 Dt., 12/07/21

TA, CE (R.R.N.)